

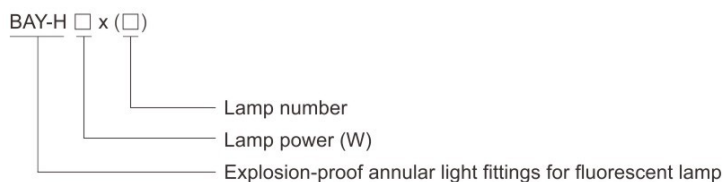
Light Fittings for Fluorescent Lamp

BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups C, D
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Catalogue number logic



Selection table

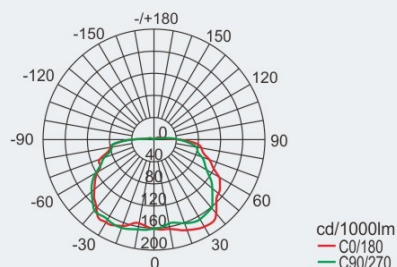
Type / Ordering code	Lamp power(W)	Weight(kg)	Type / Ordering code	Lamp power(W)	Weight(kg)
BAY-H10	10	4.75	BAY-H21 x 1	21 x 1	5.00
BAY-H20	20	4.75	BAY-H21 x 2	21 x 2	5.60

Note: The light fittings are supplied with lamps.

Photometric data

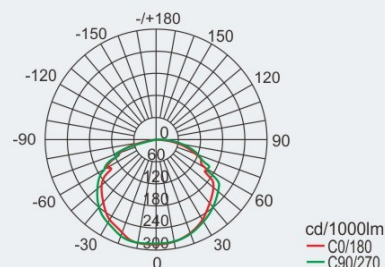
BAY-H

Lamp power (W)	Rated luminous flux (Lamp tube)	Luminaire efficiency
21 x 1	1000lm	75%
21 x 2	2000lm	65%



BAY-H

Lamp power (W)	Luminous flux	Wattage	Luminous efficacy
10	1095lm	10W	110lm/W
20	2350lm	21W	112lm/W



We can provide lighting design and data by professional lighting software DIALUX based upon simulated site situation on request.

Zones 1&2; 21&22

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Technical data	
Explosion-proof annular light fittings for fluorescent lamp BAY-H	
Explosion protection	
Global (IECEX)	IECEX CQM 08.0003
Gas	Ex d IIB T5
Europe (ATEX)	LCIE 07 ATEX 6087
Gas	Ⓔ II 2 G Ex d IIB T5
Certificates	IECEX; ATEX
Conformity to standards	EN 60079-0, EN 60079-1 IEC 60079-0, IEC 60079-1
Material	
Enclosure	Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021)
Wire guard	Powder coated carbon steel (white)
Transparent cover	Toughened glass, stands 4J impact
Ballast	Electronic ballast, power factor ≥ 0.95
Reflector (internal)	High-purity aluminium
Exposed fastener	Stainless steel
Fluorescent Lamp	
Lamp specification	Biax 2D-4pin (GE Brand)
Lamp power (W)	21W x 1, 21W x 2
Lamp holder	GR-10q
LED Lamp	
Lamp power (W)	10W, 20W
Colour rendering index (Ra)	≥ 80
LED Colour temperature (CCT)	5700K Note: nature white is available in general. Warm white or cool white is optional, please specify when ordering.
Rated voltage	220~240V AC 50/60Hz
Earthing protection	M5 (internal & external earth bolts)
Degree of protection	IP65
Ambient temperature	-20°C~+55°C
Terminal	3 x 1.5~2.5mm ² (L+N+PE)
Cable entries	2 x M25x1.5 plugs
Cable gland(optional)	DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~31



Dimension drawings (all dimensions in mm) - subject to alteration

